

SOLOV'YEV, V.D.; ORLOVA, T.G.; PORUBEL', L.A.; VASIL'YEVA, I.N.

Study of the genetic characteristics of vaccinal strains of the
influenza virus type A2. Vop. virus. 6 no.6:684-691 N-D '61.
(MIRA 15:2)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.
(INFLUENZA MICROBIOLOGY)

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Food Industry.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69087.

Author : Oslansky C., Porubiakova J., Kavan.

Inst : Not given.

Title : Investigation of Ripening of Goat's Milk Cheese
and Use of Pure Cultures.

Orig Pub: Prumysl potravin, 1958, 9, No 3, 123-128.

Abstract: No abstract.

Card 1/1

CZECHOSLOVAKIA/Antibiosis and Symbiosis - Antibiotics.

F

Abs Jour : Ref Zhur Biol., No 1, 1959, 753

Author : Olsansky, C., Porubiakova, J., Kavan, A.

Inst : -

Title : Investigation of the Aging Process in Curds in Quick-Ripening Brinza Cheese Through Use of Pure Cultures.

Orig Pub : Prumysl. potrav. 1958, 9, No 3, 123-128

Abstract : No abstract.

Card 1/1

COLLECTION : OZARNOSHOVA, IA
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry
 ABS. JOUR. : RZhKhim., No 10, 1959, No. 69584
 AUTHOR : Olsensky, G.; Porubniakova, J.
 TITLE : -
 : Possibilities of Employing Pure Cultures in the Manufacture of Smoked Cheese "Oshtenek" from Goat's*
 ORIG. PUB. : Prikladnaya biokhimiya, 1958, 9, No 4, 181-184

ABSTRACT : The Microbiological analyses revealed that in the preparation of "Oshtenek" type cheeses, derived from goats' milk, Streptococcus lactis, Streptococcus faecalis, Leuconostoc citrovorum variety, Leuconostoc dextranicum variety, Streptococcus thermophilus, L. helveticus cause an acidic type of milk curdling; Streptococcus faecalis and L. helveticus cause also the proteolysis of albumen which is responsible for the specific taste of this

*Milk.

Card:

1/2

COUNTRY :
CATEGORY :

H

ABS. JOUR. : Razkhim., No 10, 1959, No. 69584

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : cheese. *Micrococcus liquefaciens* and *Pseudomonas*
Con'd *fluorescens* cause an impure, bitter and caustic
taste. The manufacture of "Oshtepok" cheese from
pasteurized goats milk with the introduction of
desirable microorganisms in the form of pure
cultures produced good results. The conditions
for smoking are: 2-4 days at 16-26° and at rela-
tive humidity of air of 75-85%, or 1-2 months
at 14-16° and approx. 85% humidity. -- G. Titov.

Card: 2/2

H - 129

PALO, Vladimir; URBANEK, Julius; PORUBIAKOVA, Jarmila

Improving the lasting quality of sheep cheese by freezing. *Prum
potravin* 15 no.10:516-519 O '64.

1. Faculty of Chemistry, Slovak Higher School of Technology, Bratislava
(for Palo and Urbanek). 2. Institute of Dairy Research, Prague (for
Porubiakova).

FORUBINOVSKAYA, N. M.

FORUBINOVSKAYA, N. M.: "Experimental diphtherial croup". Ryazan', 1955. Ryazan' State Medical Inst imeni Academician I. P. Pavlov. (Dissertation for the Degree of Candidate of Science of Medical Sciences)

SO: Knizhnaya Letopis', No. 41, 8 Oct 55

FORUBINOVSKAYA, N. M.

"Experimental model of diphtherial croup."

Report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists. 1959

LUKOV, B.N., prof. (Kuybyshev); PETROV, V.I., dotsont (Moskva);
 PAVLENKO, T.M., aspirant (Moskva); YERMOLAYEV, V.G., prof.
 (Leningrad); ADO, A.D., prof.; VOYSI, M.S., prof.;
 YERMOLAYEV, V.G., prof. (Leningrad); KUPRIYANOVA, N.A. (Kazan');
 PETROV, G.I. (Moskva); DOLGOPOLOVA, A.V. (Moskva); SAKHAROV, P.P.,
 prof.; BYKHOVSKIY, Z.Ye., prof.; MIN'KOVSKIY, prof. (Chelyabinsk);
 KIMEL'CHONOK, I.P. (Irkutsk); TEMKIN, Ya.S., prof. (Moskva);
 MIN'KOVSKIY, A.Kh., prof. (Chelyabinsk); MIL'SHTEYN, T.N., doktor
 med.nauk (Leningrad); TRUTNEV, V.K., zasluzhennyy deyatel' nauki,
 prof.; TSYRESHKIN, B.D., kand.med.nauk (Moskva); SOBOL', I.M.,
 prof. (Stavropol'); TURIK, G.M. (Moskva); FRENKEL', M.M. (Moskva);
 MAZO, I.L.; POKRYVALOVA, K.P.; PROSKURYAKOV, S.A., prof.;
 ATKARSKAYA, A.A., prof.; GOL'DFARB, I.V., prof. (Izhevsk);
 PORUBINOVSKAYA, N.M. (Moskva); RUDNEV, G.P., prof.; VOL'FSON, I.Z.,
 prof. (Stalingrad); DOROSHENKO, I.T., prof. (Kalinin);
 ROZENFEL'D, M.O., prof. (Leningrad); SHUL'GA, A.O., prof. (Orenburg);
 MIKHLIN, Ye.G., prof.; TRET'YAKOVA, Z.V. (Moskva); MANUYLOV, Ye.N.,
 prof. (Moskva); DOROSHENKO, I.T., prof. (Kalinin); YERMOLAYEVA, V.G.,
 prof.

Speeches in the discussion. Trudy gos. nauch.-issl. inst. ukha,
 gorla i nosa no.11:79-87,129-146,179-186,233-248,311-333 '59.

(MIRA 15:6)

1. Chlen-korrespondent AMN SSSR (for ADO). 2. Direktor Moskov-
 skogo gosudarstvennogo instituta ukha, gorla i nosa (for Trutnev).
 (OTORHINOLARYNGOLOGY—CONGRESSES)

DREYZIN, R.S.; PORUBINOVSKAYA, N.M.; ZOLOTARSKAYA, E.Ye.

Allergic skin reaction to adenoviruses. Vop. virus 8 no.2:
232-233 Mr-Ap'63 (MIRA 16:12)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR i
Institut ukha, gorla i nosa, Moskva.

PORUBINOVSKAYA, N.M.; ZAKHAROVA, M.S.; FURMAN, M.A.

Experience in the diagnosis of diseases caused by Mycoplasma pneumoniae. Vest. AMN SSSR 20 no.8:82-86 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F.Camalei
AMN SSSR, Moskovskiy garnizonnyy gospiatal' i Tsentral'nyy in-
stitut usovershenstvovaniya vrachey.

PORUBINOVSKAYA, Ye.D.

Yam culture under conditions prevailing in Moscow. Biul. Glav.
bot. sada no. 34:86-89 '59 (MIRA 13:3)

1. Botanicheskiy sad Moskovskogo gosudarstvennogo universiteta
im. M.V. Lomonosova.
(Moscow--Yams)

Porubinovskiy, A.I.

POTAP'YEVSKIY, A.G.; PORUBINOVSKIY, A.I.

Welding thin sheet metal with electric rivets in an atmosphere
of carbon dioxide. Avtom.svar. 10 no.6:99-100 H-D '57.

(MIRA 11:1)

1.Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.
Ye.O. Patona AN USSR.

(Sheet metal--Welding)
(Protective atmospheres)

PORUBIAK, J.

"Cost of accounting in forestry projects."

p. 124 (Les) Vol. 12, no. 3, Mar. 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

POCHVOVEDENIE I GEOGRAFIYA
MONIN, S.A., dots.; PORUBINOVSKIY, A.M., red.; KREYS, I.G., tekhn.red.

[Programs of pedagogical institutes; principles of soil science and the geography of soils] Programmy pedagogicheskikh institutov; osnovy pochvovedeniya i geografii pochv. [Moskva] Uchpedgiz, 1957. 13 p. (MIRA 11:3)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshih i srednikh pedagogicheskikh uchebnykh zavedenii.
(Soils--Study and teaching)

LAPKINA, Natal'ya Aleksandrovna, prepodavatel'; PORUBINOVSKIY, Aleksandr
Mikheylovich, prepodavatel' [deceased]; ~~TSVETKOVA, Galina Aleksandrovna,~~
prepodavatel'; NEKLYUKOVA, Nina Petrovna, prepodavatel'; SOKOLOVA,
Varvara Vladimirovna, prepodavatel'; VODOVOZOVA, Mariya Vladimirovna,
prepodavatel'; FISHCHEVA, T.V., red.; SMIRNOVA, M.I., tekhn.red.

[Extracurricular field work on geography; teachers' manual] Vneklas-
snaya rabota po geografii v prirode; posobie dlia uchitelei. Moskva,
Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 189 p.

(MIRA 12:11)

1. Kafedra obshchey fizicheskoy geografii geograficheskogo fakul'-
teta Moskovskogo gorodskogo pedagogicheskogo instituta im.V.P.
Potemkina (for all except Fishcheva, Smirnova).

(Geography--Study and teaching)

PORUBINSKAYA, N. M., ANDREYEVA, N. I., LYAMPERT, F. F.

"Hygienic Evaluation of New Residential Construction in Moscow."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

PORUBJAK, J.
PAPANEK, F.

New system of wages in forestry management. p. 99

Polana. Povernictvo lesov a drevarskeho priemyslu. LES
Vol. 15, no. 4, Apr. 1959. Polana, Czechoslovakia

Monthly list of East European Accessions (EEAI) LC Vol. 9. no. 2
Feb. 1960. Uncl.

1. PORUBLEV, F.
2. USSR (600)
4. Harvesting
7. Harvesting lodged grain, MTS 13 no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

PORUBOV, T.M.

Socialist industrialization as a general law of the establishment of socialism. Nauch. trudy LTA no.99:121-121 '62.
(MIRA 17:1)

HAJDUK, Juraj, prom.biol.; PORUBSKA Bozena, inz.

Classification of geobotanic information by the mechanical classifier Analyzator. Biologia 16 no.3:233-237 '61.
(EEAI 10:9/10)

1. Biologicky ustav Slovenskej akademie vied, oddelenie geobotaniky a systematiky rastlin, Bratislava.

(PHYTOGEOGRAPHY)

PORUBSKY, Karol

Komarno, the largest Danube harbor in Czechoslovakia. Doprava
no.11:377-379 '62.

L 31786-66

ACC NR: AP6021649

SOURCE CODE: CZ/0084/65/000/004/0319/0328

AUTHOR: Ingr, Mikulas; Mahut, Pavel; Porubsky, Anton

ORG: none

TITLE: Landslide at Miksova

SOURCE: Geograficky casopis, no. 4, 1965, 319-328

TOPIC TAGS: physical geology, soil behavior, hydrology

ABSTRACT: During excavation work a considerable landslide occurred on a supplying canal of the Miksova cascade. The sliding material, of older Quaternary terraces, menaced the canal. The main causes of the landslide are the geological structure of the territory, the composite hydrogeological conditions and erosive action of the Waag. The land should be stabilized temporarily with sumps and finally by a drainage adit in front of the landslide. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 006

LS

Card 1/1

FORUBSKY, Anton

Hydrogeological characteristics of the Vah River alluvium in
the Karpelany-Sered section. Geol prace 64:165-173 '63.

1. Geologicky prieskum National Enterprise, Zilina.

PORUBSKY, Anton, RNDr.; MALY, Jozef

Pumping tests and determination of their duration in the hydrogeological practice. Geol pruzkum 5 no. 10:300-303 0 '63.

1. Geologicky prieskum, n.p., Zilina.

PORUBSKY, V.

On the problem of injurious effects of combustion products of cooking gas in small homes. Bratisl. lek. lesty 42 no.7:401-405 '62.

1. Z Katedry sudneho lekarstva Lek. fak. Univ. Komenskeho v Bratislave,
veduci prof. MUDr. H. Krsek.
(CARBON MONOXIDE toxicol)

PORUBSKY, V.

CZECHOSLOVAKIA

No academic degree indicated

Department of Medical Jurisprudence of the Medical Faculty of
Comenius University (Katedra sudneho lekarstva LFUK), Bratislava;
Head of the Department: prof. H. KRSEK, MD

Bratislava, Lekarsky Obzor, No 10, Oct 62, pp 553-557

"On the Problem of Assessing Pecuniary Compensation for Suffered Pain
and for Social Incapacitation According to the Decree No 7/1962 Coll."

Co-author:

NEUWERTH, A., Department of Medical Jurisprudence of the Medical
Faculty of Comenius University (Katedra sudneho lekarstva LFUK),
Bratislava; Head of the Department: prof. H. KRSEK, MD

PORUBSZKY, IVAN

3
JAN(NG)
1

Distr: 4E2c(j)

/ Kinetics of propylene hydrogenation by heterogeneous catalysts. Ivan Porubszky (Univ. Technol., Budapest, Hung.). *Magyar Tudományos Akad. Kém. Tudományok Osztályának Közleményei* 14, 23-53(1960).—Catalytic properties of pure Fe, pure Ni, and 5 of their alloys were examd. On 100% Ni the hydrogenation of C_3H_6 proceeds according to the Langmuir-Hinshelwood mechanism; it is 1st order with respect to H_2 and zero order with respect to C_3H_6 . Highest activity was observed with the Ni 32.1-Fe 67.9% alloy. The change in catalytic properties when the constituents are varied is successfully explained both by crystal-structure changes and by the change of d. of states on the Fermi border. Peter Marcel Barna

22

PORUBSZKY, Ivan (Budapest)

Data on the kinetics of the heterogeneous catalytic hydrogenation of propylene. Kem tud kozl MTA 14 no.1:23-53 '60. (EEAI 9:12)

1. Budapesti Muszaki Egyetem, Altalanos Kemiai Tanszek.
(Propene) (Catalysts) (Hydrogenation)
(Electrons)

PORUBSZKY, Ivan; HEGEDUS, Dezso

Some analytical applications of radioactive isotopes. *Magy kem*
lap 17 no.2:90-95 F '62.

1. Budapesti Muszaki Egyetem, Altalanos Kemiai Tanszek.

PORUBSZKY, Jeno.; APATI, Attila.; REUSS, Endre, Dr., egyetemi tanar.

Remarks. Meres automat 8 no.5:138-139 '60.

1. Egyesult Izz-Technologiai Laboratorium (for Porubszky and Apati).
2. Budapest: Muszaki Egyetem, Muszaki Mechanika Tanszek (for Reuss).

PORUBSZKY, Jeno...

Electric welding of glass. Finommechanika 2 no. 10:289-293
0 '63.

1. United Incandescent Lamp and Electricity Company, Budapest.

103100 1327

26.2181

33758
S/055/62/000/001/004/007
D299/D303

AUTHOR: Poruchikov, V. B.

TITLE: Leading-edge temperature of a flat plate subjected to aerodynamic heating

PERIODICAL: Moskva. Universitet. Vestnik. Seriya I, Matematika, Mekhanika, no. 1, 1962, 47-52

TEXT: Steady flow of a compressible gas is considered, past a slender semi-infinite plate of thickness δ . The temperature of the plate is assumed to equal that of the laminar boundary layer, $T(x, t) = T_1$. At the moment $t = 0$, the velocity of the flow changes suddenly from u_1 to u_2 . With time, the heat process settles, and the temperature of the plate tends to the new equilibrium temperature of the boundary layer T_2 , corresponding to u_2 . It is required to determine the time dependence of the temperature in the leading edge of the plate. This problem was solved by A. E. Bryson, B. Budiansky, G. F. Carrier (Ref. 1: Temperatura peredney kromki plasti-
Card (1/4) ✓

33758

S/055/62/000/001/004/007
D299/D303

Leading-edge temperature ...

ny pri aerodinamicheskom nagreve. "Mekhanika", IL, M., no. 6, 1957 (translation into Russian of "Leading-edge temperature of a flat plate...", J. Aeronautical Sci. 24, no. 4, 311-312, 1957)), but under very restricted boundary conditions, viz. $\frac{\partial T}{\partial x}|_{x=0} = 0$. In the present article, the boundary conditions are more general, whereby the heat transfer through the leading edge at the initial time interval is taken into account. Hence the boundary conditions

$$\frac{\partial T}{\partial x}|_{x=0} = \begin{cases} B(t_0 - t) & \text{for } 0 \leq t < t_0 \\ 0 & \text{for } t_0 \leq t \end{cases}$$

The heat-balance equation is adopted from Ref. 1 (Op. cit.). Dimensionless variables are introduced. After computations, one obtains an exact solution for the leading edge; it can be shown that the series of the solution converge for any finite τ (the dimen-

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S/055/62/000/001/004/007
D299/D303

Leading-edge temperature ...

sionless time). An asymptotic expression is obtained for $\theta(0, \tau)$,

$$\left(\theta = \frac{T_2 - T(x, t)}{T_2 - T_1} \right), \text{ viz:}$$

$$\theta(0, \tau) \sim \frac{32}{\sqrt{6\pi}} \frac{e^{-\frac{3\tau}{4}}}{\tau^{\frac{3}{2}}} \left[1 - \frac{2}{3} \frac{1}{\tau^{\frac{1}{2}}} A\tau^{\frac{3}{2}} + \frac{2}{9} \frac{5}{\tau^{\frac{3}{2}}} A\tau^{\frac{3}{2}} (1 - e^{-\frac{3\tau}{4}}) \right]$$

when τ is large (A is related to $-B$). The curves $\theta(0, \tau)$ for various B are shown in a figure. The obtained solutions have the following physical interpretation: 1) $B = 0$, i.e. no heat transfer takes place through the leading edge; the heat currents can move only in two directions: plate to boundary layer, or along the

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Leading-edge temperature ...

S/055/62/000/001/004/007
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plate; 2) $B < 0$, i.e. the heat flows toward the leading edge. Much more heat can reach the edge. In addition to the above-mentioned directions, the heat flows also through the leading edge. Hence the temperature settles faster than in the previous case. If B is large in absolute value, i.e. if the leading edge was artificially heated (in the initial time-interval) to a temperature above T_2 , and then the heating was stopped, the temperature of the leading edge settles with time, approaching T_2 , yet always remaining above T_2 .

3) $B > 0$ corresponds to artificial preliminary cooling. In this case, too, the temperature settles with $\tau \rightarrow \infty$, but the settling lags as compared to the case $B = 0$. There are 1 figure and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc, (in translation, as mentioned above). ✓

ASSOCIATION: Kafedra volnovoy i gazovoy dinamiki (Department of Wave- and Gas Dynamics)

SUBMITTED: February 3, 1961

Card 4/4

ACCESSION NR: AP4026419

S/0055/64/000/002/0041/0048

AUTHORS: Yeroshin, V. A.; Poruchikov, V. B.

TITLE: Motion of a cone in a fluid of finite depth

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 2, 1964, 41-48

TOPIC TAGS: motion of a cone, finite depth fluid, incompressible fluid, free surface, vertical penetration, Laplace equation, oscillating fluid

ABSTRACT: The authors investigate the motion of a cone in a liquid of finite depth toward its free surface; in particular, they treat the cases of motion of a cone in an oscillating liquid and vertical penetration of a cone into a liquid of depth h . The cone moves under the effect of a force F_0 with initial velocity V_0 .

In each case the problem is reduced to consideration of the three-dimensional Laplace equation subject to certain boundary conditions. In the case of vertical penetration, the force for which the cone will move with constant velocity V_0 is found. Orig. art. has: 16 formulas and 3 figures.

Chair of Wave & Gas Dynamics

L 3387-66 EWT(d)/EWT(m)/EWP(w)/T-2/EWP(k)/EWA(h)/ETC(m) WW/EM

ACCESSION NR: AP5023986

UR/0055/65/000/005/0061/0067
534.26:517.432.1

AUTHOR: Poruchikov, V. B.

TITLE: Diffraction of an impulse pressure wave by a disk ²⁴

SOURCE: Moscow. Universitet. Vestnik. Seriya I. Matematika, mekhanika, no. 5, 1965, 61-67

TOPIC TAGS: shock wave diffraction, Fourier transform, Laplace transform, mathematic analysis

ABSTRACT: Let an impulse wave with an amplitude of A_0 fall on a disk of radius a at an angle α to the normal, and let it reach the edge of the disk at a moment of time $t = 0$. The problem is stated in linear form. The pressure function $P(x, y, z, t)$ can be written in the form

$$P(x, y, z, t) = A_0 \eta(\zeta) - P_0(x, y, z, t). \quad (1)$$

Here, $\eta(\zeta)$ is a Heavyside function from the argument

$$\zeta = \frac{c_0^2 + z \cos \alpha + (x - a) \sin \alpha}{a} \quad (-\infty < z < +\infty),$$

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ACCESSION NR: AP5023986

where x , y , and z represent a Cartesian coordinate system. It is easily shown that $P_0(x, y, z, t)$ is an uneven function with respect to the plane $z = 0$; then, for $z > 0$ in a cylindrical system of dimensionless coordinates r_1 and z_1 , the problem is described by the following equations and conditions:

$$\frac{\partial^2 P_0}{\partial r_1^2} + \frac{1}{r_1} \frac{\partial P_0}{\partial r_1} + \frac{1}{r_1^2} \frac{\partial^2 P_0}{\partial \theta^2} + \frac{\partial^2 P_0}{\partial z_1^2} = \frac{\partial^2 P_0}{\partial \tau^2}, \quad (2)$$

$$\frac{\partial P_0}{\partial z_1} = \cos \alpha A_0 \delta(\zeta) \quad \text{at} \quad 0 < r_1 < 1, z_1 = 0,$$

$$P_0 = 0 \quad \text{at} \quad 1 < r_1, z_1 = 0, \quad P_0 = \frac{\partial P_0}{\partial \tau} = 0 \quad \text{at} \quad \tau < 0,$$

here $\tau = \frac{ct}{a}$, $r_1 = \frac{r}{a}$, $z_1 = \frac{z}{a}$; $\delta(\zeta)$ — delta function. The latter expression is treated by a Laplace transform with respect to τ , and then with a Fourier transform with respect to Θ . The result is further manipulated mathematically by means of an inverse Hankel function and a Macdonald function of the n -th order. The final

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ACCESSION NR: AP5023986

result is an expression in the form:

$$f_n(\tau) = \frac{8\sqrt{2}\cos\alpha A_0\alpha^{n+2}}{3\sqrt{1+\sin\alpha}} \left(\frac{\tau}{\sin\alpha}\right)^{\frac{3}{2}} \left[1 - \frac{\tau}{\sin\alpha} \cdot \frac{2n+1}{10} \left(\sin\alpha + \frac{2n+3}{2}\right)\right]$$

which represents the force acting on the disk during the initial interval of time, to a third approximation. Orig. art. has: 16 formulas and 2 figures.

ASSOCIATION: Kafedra volnovoy dinamiki, Moskovskiy Universitet
(Department of Wave Dynamics, Moscow University)

SUBMITTED: 17Jul64

ENCL: 00

SUB CODE: MEMA

NR REF SOV: 002

OTHER: 002

Card 3/3 *hcl*

PORUCHIKOV, Ye, A. (Captain of the Medical Service)

"The Influence of Rowing Exercises on the Cardiovascular Systems
of Older Officers Under Sanatorium Conditions."

Voyenno-Meditsinskiy Zhurnal, NO. 6, 1961:

13
L 00269-07 PSS-2/INT(1)/REG(A)-2 SCTR TT/DB/GD/GW
ACC NR: AT6036480 SOURCE CODE: UR/0000/66/000/000/0034/0036

AUTHOR: Arzhanov, I. M.; Beregovkin, A. V.; Bryanov, I. I.; Buyanov, P. V.;
Zaloguyev, S. N.; Kamen'shchikov, Yu. V.; Kovalov, V. V.; Krasovskiy, A. S.;
Kuznetsov, S. V.; Litsov, A. N.; Nikitin, A. V.; Nistratov, V. V.; Poruchikov, Ye. A.;
Potkin, V. Ye.; Teret'yev, V. G.; Fedorov, Ye. A.; Khlebnikov, G. P.;
Yaroshenko, G. L.

ORG: none

61.
6+1
TITLE: Results of clinical and physiological investigations of the crew of the
first multiman Voskhod spacecraft [Paper presented at the Conference on Problems of
Space Medicine held in Moscow from 24 to 27 May 1966]
SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy
kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii,
Moscow, 1966, 34-36

TOPIC TAGS: space medicine, space physiology, weightlessness, bodily fatigue,
stress reaction, combined stress, cardiovascular system, central nervous system,
manned spaceflight/Voskhod-1

ABSTRACT: The inclusion of a physician in the crew of the Voskhod-1 made it pos-
sible to increase medical investigations of the crew members during
flight and to compare them with results of preflight and postflight exami-
nations. The scope of the physiological examinations was selected in
order to obtain a more complete evaluation of the functional condition of
the cardiovascular and central nervous systems, and the function of

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ACC NR: AT6036480

external respiration of the cosmonauts. Physical exercises and ortho-static tests were included to detect earlier signs of physiological shifts.

Examinations were carried out before and after training in the ship, where certain conditions of flight were simulated, and also two weeks before flight. Postflight examination was begun fifteen minutes after landing and was continued for the first four days after the flight and also two weeks later.

After landing, the cosmonauts were active, looked somewhat excited, and complained of general fatigue. They were found to have hyperemia of the mucosa of the upper respiratory tract and conjunctivitis.

Komarov's weight dropped by 2.6%, Feoktistov's weight dropped by 4%, and Yegorov's by 3.9%. Weight loss was determined by Zhdanov to be due to water and fat loss. Neurological examination revealed a light swaying in the Romberg position, a tremor of the fingers, and increased perspiration. In addition, Yegorov showed a contraction of the retinal arteries. Disruption of vision and vestibular difficulties were not noted. Changes in EEG indicated an increase in inhibitory processes in the cortex of the brain. A diminution in work capacity was established by

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psychological experiments (increase in the number of mistakes, increase in latent periods). 0

Indices of cardiovascular activity during rest did not exceed wide norms. However, an increase in pulse frequency was noted (Komarov up to 96, Feoktistov up to 100, and Yegorov up to 94 beats/min), as well as moderate drop in arterial pulse pressure at the expense of an increase in diastolic pressure. All three cosmonauts, when subjected to exercise, showed a significant increase in the pulse rate and inertia in the stroke volume. Feoktistov and Yegorov showed a significant diminution in the heart stroke volume and minute circulation of the blood during the passive orthostatic test. This could indicate a disruption of the venous inflow to the heart.

Postflight blood examinations indicated neutrophilic leukocytosis and eosinopenia. Urine was found to contain significant quantities of salts, chiefly urates, single erythrocytes (in the field of vision), and an increase in the excretion of 17-oxycorticosteroids. Eosinopenia, an increase in excretion of products of hormone decomposition, indicated the development of a stress reaction in cosmonauts. Since some of the indications found on the flight were also found after training in the train-

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ing ship, there is reason to attribute them to limitation of motor activity under conditions of weightlessness. The functional shifts found after flight are indications of a general fatigue, a moderate stress reaction, and a certain amount of detraining. In general, the changes observed in the cosmonauts were of one type. The differences found between the cosmonauts can be attributed to individual differences. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06, 22 / SUBM DATE: 00May66

Cord 4/4 *e/k*

VOLYNKIN, Yu.M.; ARUTYUNOV, G.A.; ANTIPOV, V.V.; ALTUKHOV, G.V.;
 BAYEVSKIY, R.M.; BELAY, V.Ye.; BUYANOV, P.V.; BRYANOV, I.I.;
 VASIL'YEV, P.V.; VOLOVICH, V.G.; GAGARIN, Yu.A.; GEMIN, A.M.;
 GORBOV, F.D.; GORSHKOV, A.I.; GUROVSKIY, N.N.; YESHANOV, N.Kh.;
 YEGOROV, A.D.; KARPOV, Ye.A.; KOVALEV, V.V.; KOLOSOV, I.A.;
 KORESHKOV, A.A.; KAS'YAN, I.I.; KOTOVSKAYA, A.R.; KALIBERDIN,
 G.V.; KOPANEV, V.I.; KUZ'MINOV, A.P.; KAKURIN, L.I.; KUDROVA,
 R.V.; LEBEDEV, V.I.; LEBEDEV, A.A.; LOBZIN, P.P.; MAKSIMOV,
 D.G.; MYASNIKOV, V.I.; MALYSHKIN, Ye.G.; NEUMYVAKIN, I.P.;
 ONISHCHENKO, V.F.; POPOV, I.G.; PORUCHIKOV, Ye.P.; SIL'VESTROV,
 M.M.; SERYAPIN, A.D.; SAKSONOV, P.P.; TERENT'YEV, V.G.; USHAKOV,
 A.S.; UDALOV, Yu.F.; FOMIN, V.S.; FOMIN, A.G.; KHLEBNIKOV, G.F.;
 YUGANOV, Ye.M.; YAZDOVSKIY, V.I.; KRICHAGIN, V.I.; AKULINICHEV,
 I.T.; SAVINICH, F.K.; STMPURA, S.F.; VOSKRESENSKIY, O.G.;
 GAZENKO, O.G., SISAKYAN, N.M., akademik, red.

[Second group space flight and some results of the Soviet
 astronauts' flights on "Vostok" ships; scientific results of
 medical and biological research conducted during the second
 group space flight] Vtoroi gruppovoi kosmicheskii polet i neko-
 torye itogi poletov sovetskikh kosmonavtov na korabliakh
 "Vostok"; nauchnye rezul'taty medikobiologicheskikh issledovaniy,
 provedennykh vo vremia vtorogo gruppovogo kosmicheskogo poleta.
 Moskva, Nauka, 1965. 277 p. (MIRA 18:6)

ZHAROV, N.T., kand.tekhn.nauk; PORUCHIKOV, Yu.P., kand.tekhn.nauk; SIMONOV,
V.F., kand.tekhn.nauk

Making shell molds from mixtures on a water glass base. Trudy
Ural.politekh.inst. no.89:39-45 '59. (MIRA 12:8)
(Shell molding (Founding)) (Soluble glass)

GORSHEV, A.A., doktor tekhn.nauk; PORUCHIKOV, Yu.P., kand.tekhn.nauk

Cupola slags. Trudy Ural.politekh.inst. no.89:60-70 '59.
(MIRA 12:8)

(Cupola furnaces)

(Slag)

PORUCHIKOV, Yu. P.; TOKAREV, Zh.V.; SHATOV, A. Ya.

Selection of an efficient shape and size of risers for steel castings. Izv. vys. ucheb. zav.; chern. met. 7 no.6:144-148 '64.
(MIRA 17:7)

1. Ural'skiy politekhnicheskii institut.

PORUCHIKOV, Yu. P.
p. 3.

PHASE I BOOK EXPLOITATION

SOV/3482

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti.
Sverdlovskoye otdeleniye

Mekhanizatsiya i avtomatizatsiya mashinostroitel'nogo proizvodstva (Mechanization and Automation in the Machine-Building Industry) Moscow, Mashgiz, 1959. 519 p. 12,000 copies printed.

Ed.: Ye. V. Pal'mov, Doctor of Technical Sciences; Tech. Ed.: N. A. Dugina;
Editorial Board: P. P. Vshivkov, Engineer, V. V. Kuvshinskiy, Candidate of
Technical Sciences, Ye. V. Pal'mov, Doctor of Technical Sciences, Yu. P.
Poruchikov, Candidate of Technical Sciences, V. V. Stepanov, Candidate of
Technical Sciences, K. N. Sokolov, Candidate of Technical Sciences, V. I.
Sokolovskiy, Candidate of Technical Sciences, M. I. Sustavov, Engineer,
B. K. Shumayev, Candidate of Technical Sciences, and P. V. Chernogorov, Profes-
sor.

PURPOSE: This book is intended for production engineers and personnel engaged
in industrial planning.

Card 1/15

Mechanization and Automation (Cont.)

SOV/3482

COVERAGE: The material presented in this book is said to be based on practices developed and tested in the machine-building plants of the Urals and of Siberia. Listed are various methods of mechanization and automation and their applications in foundries, forging shops, and assembly shops. Other fields of use include welding, hoisting, conveying, heat treatment, and quality control on an industrial scale. Various mechanisms, devices, tools, and instruments currently used in mechanization and automation of these industrial processes are described and illustrated. The equipment mentioned is said to have been produced by the plants using their own resources. The economic aspects of mechanization and automation are discussed. There are 494 Soviet references.

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Doctor of Technical Sciences)	
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Card 2/15

PORUCHIKOV, Yu.P., kand.tekhn.nauk; KHAZAN, G.L., inzh.

Automatic distribution of molding sand. Mekh. i avtom.proizv. 17 no.
10:1-4 0 '63. (MIRA 17:1)

PORUCHIKOV, Yu.P.; KHAZAN, G.L.

Improving the system of the automatic molding sand distribution. Lit. proizv. no.7:21-22 J1 '63. (MIRA-17:1)

GRINBERG, S.A.; PORUCHIKOV, Yu.P.; KHAZAN, G.L.

Centrifugal casting of iron water supply pipes in changeable molds.
Lit. proizv. no.8:5-6 Ag '62. (MIRA 15:11)
(Centrifugal casting) (Pipe, Cast iron)

NIKITIN, Yu.P., dotsent, kand.tekhn.nauk, PORUCHNIKOV, Yu.P., dotsent, kand.
tekhn.nauk

New method of calculating cupola furnace slag. Trudy Ural. politekh.
inst. no.91:109-113 '60. (MLA 14:2)
(Slag) (Cupola furnaces)

LORENTZOV, YU. I., NIKOLAI, G. L. and SHIN, E. I.

"An Investigation of the Effect of the Mould Coating on the Quality of Centrifugal Castings"

report presented at the 7th Conference on the Interaction of the Casting Mould and the Casting, sponsored by the Inst. of Mechanical Engineering, Acad. Sci. USSR, 25-28 January 1961.

PORUCHIKOV Yu. P.

PAL'MOV, Ye.V., doktor tekhn.nauk, obshchiy red.; VSHIVKOV, P.P., inzh., red.; KUBSHINSKIY, V.V., kand.tekhn.nauk, red.; PORUCHIKOV, Yu.P., kand.tekhn.nauk, red.; STEPANOV, V.V., kand.tekhn.nauk, red.; SOKOLOV, K.N., kand.tekhn.nauk, red.; SOKOLOVSKIY, V.I., kand.tekhn.nauk, red.; SUSTAVOV, M.I., inzh., red.; SHUMAYEV, B.K., kand.tekhn.nauk, red.; CHERNOGOROV, P.V., prof., red.; DUQINA, N.A., tekhn.red.

[Mechanisation and automation in the machinery industry] Mekhanizatsiya i avtomatizatsiya mashinostroitel'nogo proizvodstva. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1959. 519 p.

(MIRA 13:2)

(Machinery industry--Technological innovations) (Automation)

Poruchikov, Yu. P.

PHASE I BOOK EXPLOITATION NOV/4199

Leningrad. Politechnicheskii Institut

Soyuznaya dostizheniya literaturnogo proizvedeniya: tuzh
sazhuvoye nachno-tekhnicheskoy konf. of the Scientific
Achievements in Founding: Tuzhuvoye konf. of the Scientific
and Technical Conference of Schools of Higher Education
Moscow, March, 1990. 336 p. Krasa slip inserted.
9,000 copies printed.

Step. 24: Yu. A. Nizhndi, Doctor of Technical Sciences,
Professor, Kda. I. M. G. Girevoyich, Doctor of Technical
Sciences, Professor, and K. P. Labadev, Doctor, Managing
Ed for Literature on Heavy Machine Building (Leningrad
Department, Mashin): Ye. P. Neumov, Engineer, Tech. Kda. I
to. A. Dlugobanskaya, and L. V. Shobetrina.

PURPOSE: This book is intended for the technical personnel
of foundries. It may be used by students of the field.

CONTENTS: This collection of articles discusses problems in
founding processes. Individual articles treat the melting
of metals and their alloys, mechanization and automation
of casting processes, aspects of the manufacture of steel,
cast iron, and nonferrous metal castings. No personalities
are mentioned. References accompany individual articles.

12. Altskov, P. M. Scientific Research Work of the Depart-
ment of Founding Machinery and Methods of the Moscow
Automechanical Institute 99
13. Kuznetsov, M. A. Achievements in Casting Practice in a
Pitting and Accessories Plant 105
14. Nizhndi, Yu. A. Full Automation of the Centralized
Machine Preparation in Casting Shops 114
15. Poruchikov, Yu. P. Automation of Some Processes in
Founding 123
16. Matveenko, I. S. Cupola Melting Process with Oxygen
Injection into the Central Part of the Furnace 128
17. Belykh, N. A. Basic Trends in the Development of the
Cupola Process in Metallurgy 140

Card 4/9

III. MELTING OF METALS

NIKITIN, Yu.P., PORUCHIKOV, Yu.P.

Determining the composition of cupola slags. Lit. proizv. no.6:31-
32 Je '60. (MIRA 13:8)

(Cupola furnaces) (Slag)

PORUCHIKOV, Yu.P., kand.tekhn.nauk; KHAZAN, G.L., inzh.

Design of a typical time relay for automatic control of technological
processes. Vest.elektroprom. 31 no.6:63 Je '60. (MIRA 13:7)
(Automatic control)
(Electric relays)

POKUCHIKOV, YU. P.

18(5) PART I BOOK EXPLANATION SOV/2048
Sverdlovsk. Dval'skiy politkhnicheskii Institut Ineni S.M. Kirova
Teoriya i praktika litarnogo proizvodstva (Theory and Practice in the
Foundry Industry) Moscow, Mashgiz, 1959. 231 p. and 32 p.
(Series: Iti: [Sbornik] vyp. 89) Errata slip inserted. 5,000
copies printed.

Ed.: A.A. Gorshkov, Corresponding Member, USSR Academy of Sciences,
Director of Technical Sciences, Professor; Tech. Ed.: M.A. Dugina,
Engin. Ed.: (Dval'skian Division, Mashgiz); A.V. Kiseleva,
Engineer.

PURPOSE: This book is intended for engineering and scientific workers
of institutes and machine-building plants, as well as for students
of advanced courses at universities.

COVERAGE: This collection consists of articles dealing with practical
problems in foundry processes. The articles review the achieve-
ments of Dval foundry workers in the past 40 years and present
aspects of a current study on the casting of nodular cast iron,
its properties and casting methods. A description is given of
artistic and architectural casting. Consideration is given to the
problems of combating gases in steel and aluminum. The structure
of cast steel is discussed. A recent investigation of vacuum
casting including its characteristic properties and new applications
is also presented. There are 32 pages of photographs and illustrations
at the end of the book. No personalities are mentioned. References
follow each article.

TABLE OF CONTENTS:

Theory and Practice in the Foundry Industry SOV/2048

PART I. GENERAL PROBLEMS IN CASTING

Pobititskiy, G.M. [Candidate of Technical Sciences]. Investigating
Processes Occurring in the Multiple Level Gate System During Pour-
ing 19

Dubitskiy, G.M. Investigating the Action of the Multiple Level
Gate System During Submerged Inflow of Metal 26

In this article and the preceding one the author discusses the
results of a laboratory-scale investigation to determine the hy-
draulic losses and the characteristics of the multiple level gate
system.

Khary, M.Z. [Candidate of Technical Sciences], Yu.P. Pokuchikov
[Candidate of Technical Sciences], and V.P. Sidorov [Candidate of
Technical Sciences]. Making Shell Molds From Mixes With a Water Glass Binder 39

The authors briefly review thermosetting materials used as
binders in mold making and makes a parallel comparison with
water glass used for the same purpose. They stress the tech-
nical and economical advantages of the latter. Also given are

the composition of water glass binders, favorable acting addi-
tives, and methods of application.

Gorshkov, A.A., and Yu.P. Pokuchikov. Cupola Slags 60

The authors determine the optimum role of cupola slags in con-
trolling the chemical composition of the iron, preventing at-
tacking of the iron with gases from the furnace atmosphere dis-
solving non-metallic inclusions, and controlling lining life.

They give the optimum composition of slag required for a furnace
with fire clay lining in order to insure a proper operation of
the cupola and to produce a high-quality iron.

SIMONOV, V.F.; PORUCHIKOV, Yu. P., kand.tekhn.nauk, red.; GEKTINA, R.F.,
inzh., red.; KUTENKOVA, G.M., tekhn.red.

[Mechanization and automatic control for the preparation of
molding materials] Mekhanizatsiia i avtomatizatsiia prigotovle-
niia formovochnykh materialov. Sverdlovsk, TSentr.biuro tekhn.
informatsii, 1959. 34 p. (MIRA 14:4)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiiy
administrativnyy rayon. Sovet narodnogo khozyaystva.
(Foundries--Equipment and supplies)
(Automatic control)

AKSENOV, P.N.; BERG, P.P.; GODASHKOV, N.M.; VEYNIK, A.I.; GORSHKOV, A.A.;
ZHAROV, N.T.; ZHUKOV, A.A.; ZOROKHOVICH, I.Z.; KUMANIN, I.B.;
LEVI, L.I.; LYASS, A.M.; MARIYENBAKH, L.M.; ORLOV, G.M.; ~~POKHCHI-~~
~~KOV, Yu.P.~~ RABINOVICH, B.V.; STOLBOVOY, S.Z.; FETGEL'SON, B.Yu.;
VASILEVSKIY, P.F., red.; KLOCHNEV, N.I., red.; KONSTANTINOV, L.S.,
red.; POLYAKOV, Ya.G., red.; MARKIZ, Yu.L., red.izd-va; UVAROVA,
A.F., tekhn.red.

[Theory of founding processes] Voprosy teorii litaynykh protsessov.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 692 p.
(MIRA 13:7)

(Founding)

PORUCHIKOV, Yuriy Pavlovich; KHAZIN, Genrikh Leonidovich; VOLFYANSKIY,
L.M., inzh., retsenzent; LOS'KOV, D.I., dots., red.; DUGINA,
N.A., tekhn. red.

[Automatic control of the preparation and distribuion of mold-
ing mixtures] Avtomatizatsiia prigotovleniia i razdachi formo-
vochnoi smesi. Moskva, Mashgiz. 1962. 175 p. (MIRA 15:4)
(Molding (Founding)) (Automatic control)

Poruchikov, Yu. P.

28(1)125(1) PHASE I BOOK EXPLOITATION 504/2831

Mekhanizatsiya i avtomatizatsiya trudovykh protsessov v liternom proizvodstve (Mechanization and Automation of Labor-consuming Processes in Foundry Practice) Moscow, Mashgiz, 1959. 226 p. Irata alip inserted. 4,000 copies printed.

Reviewers: K. M. Slobnikov, Candidate of Technical Sciences; Ed. (title page); G. I. Kobylansky (Deceased); Ed. (inside book); A. E. Sokolov, Candidate of Technical Sciences; Tech. Ed.; G. V. Sparynskiy; Managing Ed. for Literature on the Technology of Machinery Manufacture (Leningrad Division, Mashgiz); 16. J. Semov, Engineer.

PURPOSE: The book is intended for technical personnel in foundries and engineers engaged in the mechanization and automation of industrial processes. It may also be used by students of institutions of higher technical education.

COVERAGE: The book deals with recent achievements in the mechanization and automation of time- and labor-consuming operations in foundries. Specific instances of mechanization and automation of foundry processes are described. The material presented in this book is divided into six parts, dealing with the following subjects: molding materials, mold and coremaking, casting, pouring, finishing of castings, and special casting methods. Each part consists of a number of technical papers presented by several authors. The application of automation in the preparation of specialized casting methods, such as investment casting and the use of shell molds. There are numerous diagrams showing automated and mechanized installations in foundries. Most of the material is based on experiments and work done at the "Granit Akay" Plant. Some of the methods described appear to be in the experimental stage at that plant. The technical papers published in this book were originally presented at a technical conference of the Soviet machine industry in October 1957. No personalities are mentioned.

Kril'atets, L. M. Production of Sand Molds by Hydraulic Pressing 78

Kiselev, V. A. Mold Making With a Sand Slinger in Steel Foundries 79

Vasileva, A. I. Transport and Distribution of Rapid-drying Waterglass Compounds to Tanks 11

Sel'mov, P. I. Mechanization of Shell-mold Casting 212

Sparynskiy, G. M. Use of High-frequency Electric Heating for Molding Shell Mold Halves 216

Prigodnyy, V. S. Overall Automation of Mixing Systems in Foundry Shops 40

Zaygerov, I. B., A. M. Gvozdevich, and I. S. Gendel'shteyn. Mechanization of Casting and Extraction Operations to Remove Cores from Planks in Pneumatic Ramming 97

Kramer, M. A. and M. A. Rykhonovskiy. Quick-change Equipment for Coremaking on Vibrating Molding Machines in Small-lot Production 101

Krill'atets, L. M. Mechanization of Mold Transfer from Assembly Line to Conveyor Belt 104

Salichskiy, G. S. Automated Lines for Molding and Shakeout in Foundry Shops 47

Poruchikov, Yu. P. Some Problems in the Automation of Charge Composing and Cupola Charging 106

PORUCHIKOV, Yu. P.:

PORUCHIKOV, Yu. P.: "Slag from cupola smelting and its effect on the structure and properties of cast iron". Sverdlovsk, 1955. Min Higher Education USSR. Ural Polytechnic Inst imeni S.M. Kirov. (Dissertations for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya letopis' No 44, 29 October 1955. Moscow.

MINAYEV, Anatoliy Nikolayevich, kand.tekhn.nauk; SHIPILIN, Boris Il'ich, inzh.; TELEGIN, A.S., kand.tekhn.nauk; LEVCHENKO, P.V., kand. tekhn.nauk; SOKOLOV, K.N., kand.tekhn.nauk; SHAVAL'ZON, M.V., inzhener; MINAYEV, A.N., kand.tekhn.nauk; YAROSHENKO, Yu.G., kand.tekhn.nauk; GORSHKOV, A.A., doktor tekhn.nauk, retsenzent; DUBITSKIY, G.M., kand.tekhn.nauk, obshchiy red.; BUTAKOV, D.K., kand.tekhn.nauk, red.; KSENOFONTOV, B.M., kand. tekhn.nauk, red.; PORUCHIKOV, Yu.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Cupola furnaces and drying chambers] Liteinye pechi i sushila. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 472 p. (MIRA 12:6)

1. Kafedra liteynogo proizvodstva Ural'skogo politekhnicheskogo instituta (for Gorshkov, Telegin). 2. Chlen-korrespondent AN USSR (for Gorshkov).

(Foundry machinery and supplies)

KUZELEV, Mikhail Yakovlevich; SKVORTSOV, Aleksey Anatol'yevich;
 SMELYAKOV, Nikolay Nikolayevich; DUBITSKIY, G.M., doktor
 tekhn. nauk, retsenzent; ZOBNIN, B.F., kand. tekhn. nauk,
 retsenzent; KOROTKOV, V.G., kand. tekhn. nauk, retsenzent;
 LEVCHENKO, P.V., kand. tekhn.nauk, retsenzent; MAKURIN, P.I.,
 kand. tekhn. nauk, retsenzent; PASTUKHOV, A.I., kand. tekhn.
 nauk, retsenzent; PORUCHIKOV, Yu.P., kand. tekhn. nauk, re-
 tsenzent; ROZENBERG, I.A., kand. tekhn. nauk, retsenzent;
 SERGEICHEV, N.F., kand. tekhn. nauk, retsenzent; FILIPPOV,
 A.S., kand. tekhn. nauk, retsenzent; YAROSHENKO, Yu.G., kand.
 tekhn. nauk, retsenzent; BAZAROVA, N.V., inzh., retsenzent;
 BLANK, E.M., inzh., retsenzent; VOLFYANSKIY, L.M., inzh.,
 retsenzent; ZAKHAROV, B.P., inzh., retsenzent; MYSHALOV, S.V.,
 inzh., retsenzent; RAZUMOVA, M.S., inzh., retsenzent;
 SHABALIN, L.A., inzh., retsenzent; SHKUNDI, R.M., inzh., re-
 tsenzent; DUGINA, N.A., tekhn. red.

[Handbook of foundry practice] Spravochnik rabochego-
 liteishchika. 1zd.3. Moskva, Mashgiz, 1961. 584 p.

(MIRA 15:4)

(Founding--Handbooks, manuals, etc.)

PORUCHIKOVA, A.S.; IVANOV, A.F., red.; BORUNOV, N.I., tekhn.red.

[Work experience of peat works of the Shatura Peat Trust]
Opyt raboty torfopredpriyatii Shaturskogo torfotresta. Moskva,
Gos.energ.izd-vo, 1958. 39 p. (MIRA 12:3)
(Shatura--Peat industry)

Poruchikova, V. I.

Absorption of phosphorus by plants from fertilizers placed locally in the soil. L. A. Zuev, P. P. Golubeva, V. I. Poruchikova, and G. V. Nikolaev. *Pochvovedeniye* 1935, No. 3, 32-47. Pot and field expts. with tagged P on buckwheat and rye show that placing P with the seed or close to it gives the highest absorption by the plants in their early stages of growth. T. S. Ioffe

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(9)

PORUCHIKOVA, V. I.

USSR/Biology - Wheat Phosphorus Compounds

Jan 50

"Conversion of Phosphorus Compounds in the Ripening Grains of Spring Wheat,"
L. A. Zuyev, V. I. Poruchikova, Moscow State U imeni M. V. Lomonosov, 4 pp

"Dok Ak Nauk SSSR" Vol LXX, No 3

Tests samples of grain of spring wheat at five times over ripening period and determines percent of total dry weight of grains which various phosphorus oxide fractions represent. Determines actual weight of fractions and starch for one plant over same period. Graphs data and discusses reasons for changes in ratio between fractions as grain approaches full maturity. Submitted 14 Oct 49.

PA 15811

PORUCHNIKOV, V.B. (Moskva)

Impact of a disc against the surface of an ideally compressible
liquid. Prikl. mat. i mekh. 28 no.4:797-800 J1-Ag '64
(MIRA 17:8)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; VOSKRESENSKAYA, G.A.

Flagyl in the treatment of trichomoniasis in males. Urologiya
29 no.1:15-17 '64. (MIRA 17:8)

1. Otdel urologii (zav. - prof. I.M. Porudominskiy) i mikro-
biologii (zav. - prof. N.M. Ovchinnikov) Tsentral'nogo nauchno-
issledovatel'skogo kozhno-venerologicheskogo instituta Minis-
terstva zdravookhraneniya RSFSR, Moskva.

FORUDOMINSKIY, Il'ya Mironovich; ROZHNESTVENSKIY, V.I., red.

[Sterility in men] Besplodie u muzhchin. Leningrad,
Meditsina, 1964. 231 p. (MIRA 17:10)

Porudominskiy
PORUDOMINSKIY, I.M.

~~Our achievements in the control of gonorrhea. Vest.derm. i ven. 31~~
no.5:34-38 S-O '57. (MIRA 10:12)

Our achievements in the control of gonorrhea. Vest.derm. 31 no.5:
34-38 S-O '57. (MIRA 10:12)
(GONORRHEA, prev. and control
in Russia)

PORUDOMINSKIY, I.M., prof.

Present status and problems in controlling gonorrhea. Vest.derm.
i ven. no.11:3-9 '61. (MIRA 14:11)

1. Iz Tsentral'nogo kozhno-venerologicheskogo instituta (dir. -
dotsent N.M. Turanov) Ministerstva zdravookhraneniya RSFSR.
(GONORRHEA) (ANTIBIOTICS—THERAPEUTIC USE)

PORUDQMINSKIY, I. M., prof. (Moskva)

Some clinical and therapeutic characteristics of impotence appearing after urologic diseases. Urologiya no.6:42-46 '61.
(MIRA 15:4)

(GENITOURINARY ORGANS—DISEASES) (IMPOTENCE)

PORUDOMINSKIY, I.M., prof.; TURANOVA, Ye.N.; NYUNIKOVA, O.I.;
VOSKRESENSKAYA, G.A.

Study of the effectiveness of the preparation flagil in the
therapy of trichomoniasis in women. Vest. dermat. i ven. 37
no.5:51-53 May 1966. (MIRA 17:5)

1. Otdel gonorei (zav. - prof. I.M. Porudominskiy) i mikrobiologii
(zav. - prof. N.M. Ovchinnikov) Tsentral'nogo kozhno-venereologicheskogo
instituta (dir. - kand. med. nauk N.M. Turanov) Ministerstva
zdravookhraneniya RSFSR.

PORTOMINSKIY, I. M.

USSR/Medicine - Gonorrhea
Medicine - Penicillin

Jan/Feb 1948

PA 41777
"Experiments with Peroral Administration of Penicillin during Treatment of Gonorrheal Infections," Prof I. M. Portominskiy, Director, Sec of Male Gonorrhea, Docent G. I. Zolotarev, Sec of Male Gonorrhea, Central Skin Venereological Inst, Ministry of Public Health, USSR, 22 pp

"Yeast Vener 1 Dermat" No 1

Little has been said about peroral administration of penicillin for treatment of gonorrheal infections. Peroral administration is simple and does not cause secondary phenomena such as increased temperature,

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USSR/Medicine - Gonorrhea (Contd) Jan/Feb 1948

sores, or local infections. Author describes some details of peroral administration of penicillin. Director of Central Skin Venereological Institute is Docent Z. M. Gol'dzil'ber.

41777

FA 70T75

PORUDOMINSKIY, I. M.

USSR/Medicine - Gonorrhea, Therapy
Medicine - Penicillin

Mar/Apr 1948

"Principle Tasks in Gonorrheal Research," Prof I. M.
Porudominskiy, 1½ pp

"Vest Venereal i Dermatol" No 2

Urges specialists to find better methods for treating
gonorrhea in children with penicillin.. Special atten-
tion must be paid to those cases that do not seem to
respond to penicillin therapy, and studies made of the
reasons for such a situation.

70T75

PORUDOMINSKIY, I.M.

Review of present methods of gonorrhea treatment. Vest. vener.
no.3:37-45 May-June 1951. (CML 20:11)

1. Professor.

PORUDOMINSKIY, I. M.

Gonorrhea therapy in the male. Feldsher & akush., Moskva no. 9:
34-40 Sept. 1951. (CML 21:3)

1. Author has title of Professor.

PORUDOMINSKIY, I.M.

[Gonorrhea] Gonorreia. Moskva, Medgiz.. 1952. 209 p. (MLBA 7:8)
(Gonorrhea)

pp. 3-6, 14, 15 -
Translation - M-530, 6 Jun 55

PORUDOMINSKIY, I.M.; KREYNGEL', L.I.; TARBEVSKIY, S.N.

Administration of penicillin associated with autogenous blood in the treatment of gonorrhea. Vest. vener., Moskva No.1:36-40 Jan-Feb 52.
(CJML 21:4)

1. Professor for Porudominskiy. 2. Of the Department of Gonorrhea (Head--Prof. I.M. Porudominskiy), Central Skin-Venereological Institute (Director--Candidate Medical Sciences N.M. Turanov).

PORUDOMINSKIY, I.M. Prof., ARTEM'YEV, S.A., TURANOVA, YE. N.

Pharmacology

Result of synthomycin therapy of gonorrhea. Vest. ven. i derm. no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

PORUDOMINSKIY, I. M.

Porudominskiy, M. I., Prof.; Danskiy, F. I.;
Kryngel', L. I. Tarbeyeveskiy, S. N.

Streptomycin Therapeutic use

Streptomycin in the treatment of gonorrhea in males. Vest. ven. i derm. No. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, December 1952, Uncl.

PORUDOMINSKIY, I.M.

TURANOVA, Ye.N., kandidat meditsinskikh nauk; PORUDOMINSKIY, I.M., professor, zaveduyushchiy; TURANOV, N.M., kandidat meditsinskikh nauk, direktor.

Streptomycin in the treatment of gonorrhea in women and girls. Vest.ven. i dermat. no.3:47-49 My-Je '53. (MLRA 6:7)

1. Otdel gonorreii Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta Ministerstva zdravookhraneniya SSSR (for Turanova and Porudominskiy). 2. Tsentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskii institut Ministerstva zdravookhraneniya SSSR (for Turanov). (Gonorrhea) (Streptomycin--Therapeutic use)

FORUDOMINSKIY, I.M., professor

Tasks and prospects in the fight against gonorrhea. Vest.ven.i derm.
no.1:34-35 Ja-P '55. (MLRA 8:4)

(GONORRHEA, prevention and control
in Russia, prospects)

PORUDOMINSKIY, I.M., prof.; KOCHETKOV, V.D.

Work of the section on sexual pathology of the urological
department of the Central Dermatovenereological Institute.
Vest. dermat. i ven. 38 no.10:63-69 0 '64.

(MIRA 18:7)

PORUDOMINSKIY, I.M., prof.; ARTEM'YEV, S.A., dotsent

Sterility following retrograde flow of the ejaculate. Vest. germ.
i ven. no.5:78-80 '65. (MIRA 18:11)

1. TSentral'nyy nauchno-issledovatel'skiy kozhno-vene-
rologicheskiy institut (direktor - dotsent N.M.Turanov)
Ministerstva zdravookhraneniya SSSR, Moskva. Submitted
February 25, 1964.

PORUDOMINSKIY, I.M., prof.

Sterility in males. Vest.derm. i ven. 38 no.5:62-74 My '62.
(MIRA 12:12)

1. Otdel urologii (zav. - prof. I.M.Porudominskiy) Tsentral'-
nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo
instituta (dir. - dotsent N.M.Turanov) Ministerstva zdravookh-
raneniya SSSR, Moskva. Submitted Nov. 11, 1963.

PORUDOMINSKIY, I.M., prof.

Current state of the problem of sexual disorders and their
treatment. Vest. dermat. 1 vol. 36 no.10:56-62 0'62.

(MIRA 16:11)

1. Iz urologicheskogo otdela (zav. - prof. O.M.Porudominskiy)
TSentral'nogo kozhno-venerologicheskogo nauchno-issledovatel'-
skogo instituta (dir. - kand.med. nauk N.M.Turanov) Minister-
stva zdravookhraneniya RSFSR.

✕

PORUDOMINSKIY, I.M., prof.

Mechanical supportive devices in the treatment of impotence.
Urologiia no.6:50-55'62. (MIRA 16:7)

1. Iz otdela urologii (zav. - prof. I.M.Porudominskiy) TSEN-
tral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo
instituta Ministerstva zdravookhraneniya RSFSR.
(IMPOTENCE)

PORUDOMINSKIY, I.M., prof. (Moskva)

Nongonorrheal diseases of urogenital organs and the tasks
of dermatovenereologists. Vest. dermat. i ven. 37 no.1:3-9
Ja'63. (MIRA 16:10)

(GENITOURINARY ORGANS—DISEASES)

PORUDOMINSKIY, I. M.; NYUNIKOVA, O. I.; SHAPIRO, F. M.

Histological testicular changes in sterile patients. Urologiia
no.2:51-56 '62. (MIRA 15:4)

1. Iz otdela urologii (zav. - prof. I. M. Porudominskiy) Tsentral'-
nogo kozhno-venerologicheskogo instituta i patologoanatomicheskogo
otdeleniya (zav. - prof. Ye. Ya. Gertsenberg[deceased]) Moskovskoy
klinicheskoy bol'nitsy No. 6.

(TESTICLE—DISEASES) (STERILITY)

PORUDOMINSKIY, I. M.; NYUNIKOVA, O. I.; SHAPIRO, F. M.

Histological testicular changes in sterile patients. Urologia
no.2:51-56 '62. (MIRA 15:4)

1. Iz otdela urologii (zav. - prof. I. M. Porudominskiy) Tsentral'-
nogo kozhno-venerologicheskogo instituta i patologoanatomicheskogo
otdeleniya (zav. - prof. Ye. Ya. Gertsenberg[deceased]) Moskovskoy
klinicheskoy bol'nitsy No. 6.

(TESTICLE--DISEASES) (STERILITY)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; LUR'YE, S.S.; NYUNIKOVA, O.I.;
GADZHIYEV, H.G.; DZHEBRAILEKOV, A.D.

Bicillin-1 and bicillin-d in the therapy of gonorrhea. Vest.derm.
i ven. 34 no.8:62-66 '60. (MIRA 13:11)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk N.M. Taranov) Ministerstva zdravookhraneniya RSFSR i 2-y kafedry kozhnykh i venerycheskikh bolezney (zav. - zasluzhennyy deyatel' nauki prof. B.A. Byvazov) Azerbaydzhanskogo meditsinskogo instituta.
(GONORRHEA) (PENICILLIN)

PORUDOMINSKIY, I. M., prof.; KOCHETKOV, V. D.; VEYN, A. M., kand. med. nauk;
~~FISHMAN~~, M. N., kand. biolog. nauk

Clinical and laboratory observations in acupuncturs treatment
of sex disorders in men. Urologia no.3:25-31 '61.
(MIRA 14:12)

1. Iz otdela urologii (zav. - prof. I. M. Porudominskiy) Tsentral'-
nogo kozhno-venerologicheskogo instituta Ministerstva zdravookhra-
neniya RSFSR i laboratorii reflektornoy terapii (nauchnyy rukovo-
ditel' - prof. G. N. Kassil') AMN SSSR.

(ACUPUNCTURE) (GENERATIVE ORGANS, MALE---DISEASES)